


# Teachmint X 65 PB Series

## Smart Teaching for Focused Classrooms

- RK 3576 Octa Core Processor
- AI-Powered 48MP 4K Camera
- Connected Classroom App
- Vision X: Classroom Monitoring System
- 2×20W Speakers and 4K UHD Display
- Smooth Writing, Zero Lag IR Touch
- Neural Processing Unit for AI tasks
- Secure teacher login with NFC cards
- Android 16 Google EDLA Certified
- EduAI - Personal Teaching Assistant

## Hardware Specification

| **Model No.** | **Teachmint X 65 PB Series** |
|---|---|
| Screen Size - Aspect Ratio 16:9 | 1.64m (65") |
| Maximum resolution | 3840 x 2160 (pixels) |
| Response Time | ≤ 5 ms |
| Contrast Ratio | Typ:1200:1 |
| Brightness | 450 nits |
| Display Colors | 1.07 Billion (10-bit) |
| Typical Backlight Lifetime | 60,000 hours |
| Backlight Type | D-LED edge Type |
| Product Size (W x D x H) | 1484mm X 107mm X 930mm |
| Net Weight | 40.5 kg |
| **System** | |
| Operating System | Android 16.0 EDLA |
| RAM/ROM | 8GB RAM / 128GB ROM |
| CPU | Octa Core \| RK3576 (4* ARM Cortex A72 @ 2.2 GHz + 4* ARM Cortex A53 @ 2 GHz) |
| NPU | Onboard AI (6.0 TOPS) |
| GPU | Mali-G52 MC3 |
| Camera | Auto-focus 48 MP 4K UHD Quality Video; AI camera with sound localization and intelligent framing |
| Mic | 8-Array Mic |
| Security | NFC Integration for quick & secure teacher login |
| Surface Protection | 3.2mm Toughened Glass \| 9H Hardness |
| Refreshing Frequency | 60Hz |
| Housing Material & Color | Aluminum Alloy, Silver Grey |
| Maximum Power Consumption without OPS | 340W |
| Audio Output Power | 2x20W/6Ω Speakers + 20W/4Ω Sub-Woofer |

| | |
|---|---|
| Wi-Fi Standard | Dual Band (2.4GHz/5GHz, 802.11a/b/g/n/ac), Dual Wi-Fi |
| Bluetooth | Bluetooth 5.1 |
| Connectivity Ports | HDMI-In, HDMI-Out, USB 3.0, USB 2.0, USB-C, Touch-USB, LAN, Mic In, Audio Out, SPDIF, RS232 |
| AI Features | EduAI-Powered Features |
| NFC Card | Instant and secure teacher login with a simple tap of the NFC card |
| Accessories | IIP (1N), Remote Control (1N), Stylus (2N), NFC Cards (5N), Power Cord (1N), User Manual (1N), Installation Docs (3N), Warranty Card (1N), HDMI Cable (1N), Touch USB Cable (1N), Wall Mount Kit (1N), Microfiber Cloth (1N) |

## Software Specification

| | |
|---|---|
| **Device-Level Capabilities** | Google Suite & Microsoft Office Integration<br>Smart Device Connectivity – Effortless pairing with smart devices<br>Wireless Casting & Screen Sharing<br>Powered by Android 16 with full support for meeting, productivity, & educational apps<br>Connected Classroom App |
| **Operating System** | Authentic Android 16 – Latest features and enhanced security |
| **Enhanced Security** | Google Play Protect |
| **Official Google Services** | Chrome, YouTube, Gmail, Play Store, Settings, Docs, Slides, Sheets, Chat, Drive, Meet, and Calendar |
| **Classroom Monitoring System: Vision X** | Live Classroom Feeds for Admins<br>Classroom audio and screen share<br>Broadcast and alerts<br>Privacy & Security with zero dependency on cloud |
| **Teaching Software - Whiteboard** | Class prep with EduAI: Create whiteboards, presentations, or PDFs effortlessly<br>NFC-Based Login for Secure Access<br>Attendance Management / AI-Powered Smart Attendance with AI face recognition.<br>Import Documents & Multimedia into Lessons<br>AI Quiz & Homework generator with detailed explanation<br>Live Class Feature for Virtual/Hybrid Learning<br>Screen Share on Live Class<br>Live Chat & Polling During Class.<br>Online Collaboration with Students, with Access Control Options.<br>Class Lecture Recording, Publishing for Students & Class Summarizer.<br>Multiple types of Pens with Color Customization<br>Stylus Customization: Write, Erase, Select, and Highlight Options<br>Single & Multi-Touch Writing Capabilities<br>Drag & Drop Multimedia (Images, Videos, Text)<br>Palm Erase Feature<br>Smart Search with EduAI<br>Voice to Text and Text to Speech AI on Whiteboard<br>Smart Shape Recognition<br>2D & 3D Shape Tools with Measurements<br>Create and share assignments and tests with analytics and insights<br>Lesson Sharing via QR Code, WhatsApp, or Email<br>Test & Homework Viewing<br>Offline Mode for Continued Learning<br>Customizable Background Themes<br>NCERT and State Board aligned Content<br>STEM Suite & Educational Games - Visualize graphs, simulations, 3D models, circuits & educational games<br>Multilingual AI Pen with 90+ languages<br>Maths and Physics Solver |

# Teachmint X

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**Dubai:**
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Scan for Setup & Support

*Terms and conditions apply.


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